

International Energy Outlook 2005

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**Table C8. World Consumption of Hydroelectricity and Other Renewable Energy by Region, Low Economic Growth Case, 1990-2025
(Quadrillion Btu)**

Region/Country	History			Projections			Average Annual Percent Change, 2002-2025
	1990	2001	2002	2010	2015	2020	
Mature Market Economies							
North America	9.5	9.0	9.5	11.0	11.5	12.3	13.1
United States a/	6.0	5.2	5.9	6.8	6.9	7.3	7.7
Canada	3.1	3.4	3.3	3.7	4.0	4.3	4.6
Mexico	0.3	0.4	0.4	0.6	0.6	0.7	0.7
Western Europe	4.5	6.0	5.5	6.0	6.0	6.4	6.7
Mature Market Asia	1.6	1.5	1.6	1.7	1.7	1.8	2.0
Japan	1.1	1.0	1.1	1.1	1.2	1.2	1.4
Australia/New Zealand	0.4	0.5	0.5	0.5	0.5	0.6	0.6
Total Mature Market	15.6	16.5	16.6	18.7	19.3	20.5	21.7
Transitional Economies							
Former Soviet Union	2.4	2.5	2.5	2.7	2.7	2.7	2.7
Russia	1.8	1.8	1.9	2.1	2.2	2.2	2.2
Other FSU	0.6	0.7	0.6	0.6	0.6	0.6	-0.6
Eastern Europe	0.4	0.6	0.6	0.6	0.7	0.7	0.8
Total Transitional	2.8	3.0	3.1	3.4	3.4	3.4	3.5
Emerging Economies							
Emerging Asia	3.2	4.9	5.4	8.1	8.6	9.0	9.6
China	1.3	2.6	3.1	4.7	4.9	5.1	5.7
India	0.7	0.8	0.7	1.3	1.4	1.4	1.5
South Korea	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Other Asia	1.1	1.4	1.5	2.0	2.2	2.4	2.4
Middle East	0.4	0.4	0.5	1.0	1.0	1.1	1.1
Africa	0.6	0.8	0.8	1.0	1.1	1.2	1.3
Central and South America	3.9	5.4	5.7	6.5	6.7	6.7	6.7
Brazil	2.2	2.8	3.0	3.2	3.3	3.4	3.6
Other Central/South America	1.7	2.6	2.7	3.3	3.4	3.3	3.1
Total Emerging	8.0	11.5	12.4	16.6	17.4	18.0	18.7
Total World	26.4	31.1	32.1	38.7	40.1	41.9	43.9

a/ Includes the 50 States and the District of Columbia.

Notes: Totals may not equal sum of components due to independent rounding. U.S. totals include net electricity imports, methanol, and liquid

Sources: History: Energy Information Administration (EIA), International Energy Annual 2002, DOE/EIA-0219(2002) (Washington, DC, March 2004), web site www.eia.doe.gov/iea/. Projections: EIA, Annual Energy Outlook 2005, DOE/EIA-0383(2005) (Washington, DC, February 2005), low economic growth case, AEO2005 National Energy Modeling System, run LM2005.D102004A, web site www.eia.doe.gov/oiaf/aeo/; and System for the Analysis of Global Energy Markets (2005).